



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**JOHN DEERE 135G 1FF135GXTLF502028**  
 Component  
**Right Final Drive**  
 Fluid  
**JOHN DEERE GL-5 80W90 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0222131</b>	JR0177482	JR0188782
Sample Date		Client Info		<b>14 Jun 2024</b>	20 Oct 2023	15 Sep 2023
Machine Age	hrs	Client Info		<b>2457</b>	2121	2121
Oil Age	hrs	Client Info		<b>336</b>	2121	2121
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Chngd</b>	Changed	Not Chngd
Filter Changed		Client Info		<b>None</b>	N/A	Not Chngd
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>204</b>	174	139
Iron	ppm	ASTM D5185m	>750	<b>422</b>	706	721
Chromium	ppm	ASTM D5185m	>9	<b>5</b>	11	11
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	3	3
Titanium	ppm	ASTM D5185m		<b>1</b>	3	3
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>8</b>	20	21
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>1</b>	2	3
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

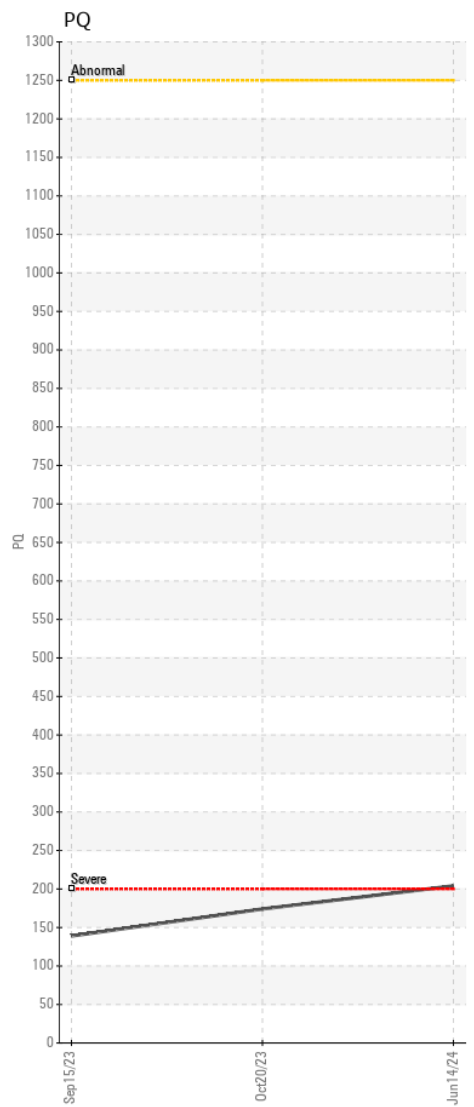
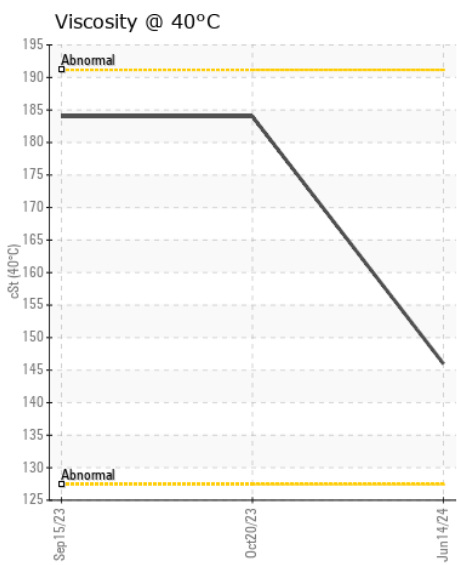
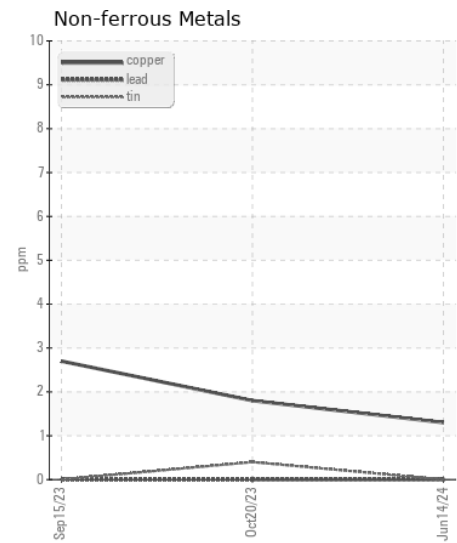
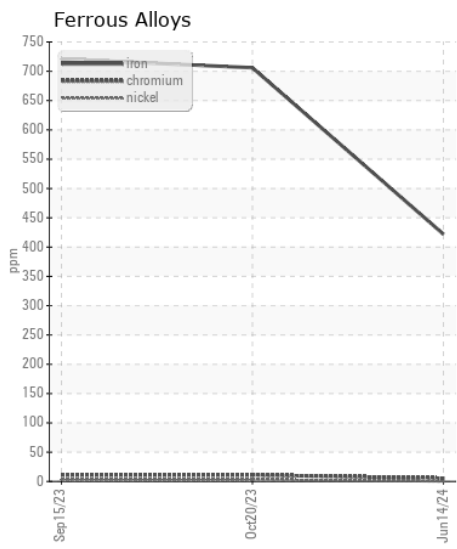
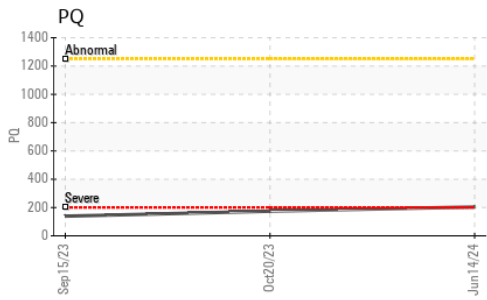
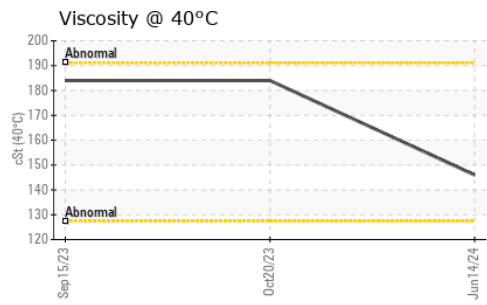
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>73</b>	172	177
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	14	15
Water		WC Method	>0.075	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	MODER
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<b>1</b>	1	<1
Boron	ppm	ASTM D5185m		<b>4</b>	54	69
Barium	ppm	ASTM D5185m		<b>1</b>	5	8
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>5</b>	10	10
Magnesium	ppm	ASTM D5185m		<b>0</b>	4	2
Calcium	ppm	ASTM D5185m		<b>8</b>	22	17
Phosphorus	ppm	ASTM D5185m		<b>360</b>	516	505
Zinc	ppm	ASTM D5185m		<b>17</b>	65	65
Sulfur	ppm	ASTM D5185m		<b>20412</b>	15793	16561
Visc @ 40°C	cSt	ASTM D445		<b>146</b>	184	184



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0222131 **Received** : 18 Jun 2024  
**Lab Number** : 06213720 **Tested** : 20 Jun 2024  
**Unique Number** : 11086584 **Diagnosed** : 20 Jun 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - GARNER**  
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To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)